

Illinois Department of Transportation  
Central Bureau of Materials  
**SHELF LIFE OF PAVEMENT MARKING MATERIALS**  
**March 22, 2019**

Standard Specifications for Road and Bridge Construction (Adopted April 1, 2016)  
Note: Prior to use, each lot of material shall be submitted for acceptance testing at CBM.  
For information on Producers or Materials, contact the Analytical Chemistry Lab at 217-782-7218.

Traffic Paint			Thermoplastic			Pavement Tape		
5372-05	Ennis Paint, Saverton MO	Shelf Life	5230-01	Crown Tech, Woodbury GA	Shelf Life	4741-01	Brite-Line, Denver CO	Shelf Life
	Latex, All Colors	1 Yr		Alkyd, Hydro Extrude	1 Yr		Type B- Deltaline XRP	2 Yrs
	A-A-2886, All Colors	1 Yr		Alkyd, Hydro Spray	1 Yr		Type 3	2 Yrs
5372-01	Ennis Paint, Ennis TX		5372-01(04)	Ennis, Ennis TX (Atlanta GA)			Type 4 Deltaline TWR	2 Yrs
	HPS 3- Epoxy	2 Yrs		Alkyd, Hydro Extrude	1 Yr		Type D Deltaline XRP-R	2 Yrs
	HPS 4- Urethane	2 Yrs		Alkyd, Hydro Spray	1 Yr		Blackout Tape Black Delta Removable	2 Yrs
	HPS 5- Polyurea	2 Yrs	3181-03	Swarco, Columbia TN		668-01	Flex-O-Lite, Fenton MO	
4408-01	Epoplex, Maple Shade NJ			Alkyd, Hydro Extrude	1 Yr		Type 1- FOL300	1 Yr
	LS 50- Epoxy	2 Yrs		Alkyd, Hydro Spray	1 Yr		Type 3- FOL600	1 Yr
	LS 65- Epoxy	2 Yrs		Glass Beads		3924-01	Tape 4 LLC, St. Louis MO	
	LS 90- Polyurea	2 Yrs	2311-03(08)	Potters Industries, Apex NC (Muscatine IA)			Type 1- Aztec Type I Eng. Grade	1 Yr
3017-01	Davies Imperial, Hammond IN			Type B- Illinois Type B	NA		Type 3- Aztec Type III Removable	1 Yr
	Latex, All Colors	1 Yr		Epoxy- E-16 or Illinois Type 4	NA	1929-03	Three M, Guin AL	
	A-A-2886, All Colors	1 Yr	3181-03(04)	Swarco, Columbia TN (Mexia TX)			A380/381IES Type B	1 Yr
76-02	Diamond Vogel, Iowa City IA			Type B- Swarcoflex	NA		A380/381AW Type D	1 Yr
	Latex, All Colors	1 Yr		Epoxy- Mega-Lux	NA		A710/711 Type 4	1 Yr
	A-A-2886, All Colors	1 Yr	6855-01	Ozark Materials LLC, Montgomery AL			A715 Blackout	1 Yr
4036-01	Poly-Carb, Cleveland OH			Alkyd Extrude	1 Yr	3181-03	Swarco, Columbia TN	
	Mark 55.3- Epoxy	1 Yr					Type 1- Visa Line	2 Yrs
	Mark 75.4- Polyurea	1 Yr					Type 3- Director 2	1 Yr
1772-11	Sherwin Williams, Memphis TN							
	Latex, All Colors	1 Yr						
1929-04	Three M, Brownwood TX							
	Polyurea, All Colors	1 Yr						
3181-05	Swarco, Denver CO							
	MUFA-10 Modified Urethane	2 Yrs						
	MFUA-12 Polyurea	2 Yrs						

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Most Producers embed the manufacturer's date within the lot number of the product. Below are examples from the different producers and a breakdown of the date within their lot numbers.

**Brite-Line Pavement Marking Tape**

Example: 03119A1

Julian date: 031, Year: 19, A1 signifies number of runs that day.

**Crown Tech Thermoplastic**

Example: 08168 or 1804

Month: 08, Day: 16, Year: 18, 1804 is the sequential batch count for the year.

**Diamond Vogel Traffic Paint**

Example: T182985897

T: Traffic product, Year: 18, Julian date: 298, Last 4 digits: Sequential batch count for the year.

**Ennis Traffic Paint**

Example: MP1903W0011

M: Hannibal MO location, P: Latex, Year: 19, Month: 03, W: Color, 0011: Sequential batch count for the year.

Example: TE1903Y0012

T: Ennis TX location, E: Plural component, Year: 19, Month: 03, Y: Color, 0012: Sequential batch count for the year.

**Ennis Thermoplastic**

Example: TT1803W0243 or 18-001

T: Ennis Texas location, T: Thermoplastic, Year: 19, Month: 03, W: Color, 0243: Sequential batch count for the year. 18-001: First batch of Illinois material for 2018 season.

**Epoplex Traffic Paint**

Example: 181127058S

Year: 18, Month: 11, Day 27, remaining digits are for internal use of the manufacturer.

**Flex-O-Lite Pavement Marking Tape**

Example: 0712183677A

Month: 07, Day: 12, Year: 18, the last four digits and letter are for the manufactures tracking purposes.

**Ozark Materials LLC Traffic Paint**

Example: 022819WP001

Month: 02, Day: 28, Year: 19, WP: White paint, 001: number of truckloads for the year.

**Ozark Materials LLC Thermoplastic**

Example: 073118WG0420 (18-01)

Month: 07, Day: 31, Year: 18, WG: White Granular, 0420: number of truckloads for the year. 18-01 First batch of Illinois material for 2018 season.

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**Potters Beads**

Example: MU-H-020419-101

MU: Muscatine plant, H: highway line, Month: 02, Day: 04, Year: 19, 1 is the 1<sup>st</sup> load packed that day. 2<sup>nd</sup> load would be 2 etc., and 01 is the pallet # from that lot.

**Potters Thermoplastic**

Example: BW-TW-082918-02 10 (18-8)

BW: Brownwood Texas plant, TW: ThermoDrop White, Month: 08, Day: 29, Year: 18, 1 is the 1<sup>st</sup> load packed that day. 2<sup>nd</sup> load would be 2 etc., and 10 is the pallet # from that lot. 18-8: 8<sup>th</sup> lot of Illinois material for 2018.

**Sherwin Williams Traffic Paint**

Example: MP0419ZZ

MP: Memphis facility, Julian date: 041, Year: 9, ZZ Batch fill designation.

**Swarco Pavement Marking Tape**

Example: 9211

Year: 9, Month: 2, Product: 1, Batch:1. Product code: 1- white engineer grade (VisaLine), 2- yellow engineer grade (VisaLine), 5- white director 2, 6- yellow director 2

**Swarco Colorado Traffic Paint**

Example: L18030008

Year: 18, Month: 03, 0008: Sequential batch count for the year. All materials should have both manufacturer's date and lot number on labels.

**Swarco Thermoplastic**

All material will have the date of manufacture from a slip sheet located between the layers of stretch wrap.  
Each 50-pound bag contains the lot number, but the lot number does not include the date.

**Three M Traffic Paint**

Example: 181711

Year: 18, Julian date: 171, Last digit is the lot produced that day.

**Three M Pavement Marking Tape**

3M states to store in a cool, dry area indoors and use within one year of receipt. The contractor should provide the date, if not 3M would be able to provide the correct information. 3M would also be able to provide written approval to extend the shelf life under the correct conditions.